

# Out-of-School Time (OST) Webinar Series



USING THE IRI & ISAT



# Objectives



- Understand the configuration and organization of the IRI & ISAT
- Gain clarity on how to approach the IRI & ISAT at each grade-level
- Understand the importance of Targeted Academic Enrichment and how students progress on the IRI & ISAT



# IRI Tools for Idaho 21<sup>st</sup> Staff



- The IRI is organized into 4 grade levels (K-3) with 3 tests administered at each grade level (Fall, Winter, Spring).



# Goal Process - Kindergarten



Item	Term	Benchmark	Strategic	Intensive	Goal
Letter-Naming Fluency	Fall	11 or more	3-10	0-2	75%
LNF	Winter	33 or more	19-32	0-18	43
LNF	Spring	43 or more	31-42	0-30	NA
Letter-Sound Fluency	Fall*	17 or more	7-16	0-6	75%
LSF	Winter	17 or more	7-16	0-6	75%
LSF	Spring	30 or more	18-29	0-17	NA

# Goal Process – First Grade



Item	Term	Benchmark	Strategic	Intensive	Goal
LSF	Fall	31 or more	20-30	0-19	75%
LSF	Winter	63 or more	43-62	0-42	72
LSF	Spring	72 or more	52-71	0-51	NA
CBM	Fall*	23 or more	13-22	0-12	Median
CBM	Winter	23 or more	13-22	0-12	Median
CBM	Spring	53 or more	28-52	0-27	NA

# Goal Process – Second Grade



Item	Term	Benchmark	Strategic	Intensive	Goal
CBM	Fall	54 or more	27-53	0-26	30%
CBM	Winter	77 or more	52-76	0-51	16%
CBM	Spring	92 or more	68-91	0-67	NA

# Goal Process – Third Grade



Item	Term	Benchmark	Strategic	Intensive	Goal
CBM	Fall	77 or more	49-76	0-48	20%
CBM	Winter	96 or more	67-95	0-66	110
CBM	Spring	110 or more	82-109	0-81	NA

# IRI Goal Process for 21<sup>st</sup> CCLC



- Determine students with need
- Identify with the teacher the area of focus
- Set the goal
- Locate remediation materials
- Practice formative assessment
- Monitor results on the next test





# IRI Tools for Idaho 21<sup>st</sup> Staff



## IRI GOAL SETTER

IRI Term: 2009-2010

Grade: **K**    Gender: **F**    Race: **C**    Birthdate: **4/8/2004**

21CCLC Location: AAA Center  
NAMPA SCHOOL DISTRICT (131)  
LAKE RIDGE ELEMENTARY SCHOOL (0647)

[IRI Reference Site](#)

Term / Skill	Actual	Goal	Reference
<b>Fall</b>	<b>2</b>		
<input checked="" type="checkbox"/> Letter Naming Fluency	9	33* <input type="button" value="v"/>	<a href="#">Resources</a>
<input checked="" type="checkbox"/> Letter Sound Fluency	0	13* <input type="button" value="v"/>	<a href="#">Resources</a>
<b>Winter</b>	<b>N/A</b>		
Letter Naming Fluency			<a href="#">Resources</a>
Letter Sound Fluency			<a href="#">Resources</a>
<b>Spring</b>	<b>N/A</b>		
Letter Naming Fluency			<a href="#">Resources</a>
Letter Sound Fluency			<a href="#">Resources</a>

**LEGEND:** Intensive [1]   |   Strategic [2]   |   Benchmark [3]



# ISAT Configuration



- **Math**
  - Number & Operation
  - Concepts and Principles of Measurement
  - Concepts and Language of Algebra and Functions
  - Concepts and Principles of Geometry
  - Data Analysis, Probability and Statistics
- **Reading**
  - Reading Process
  - Comprehension/Interpretation
- **Language Arts**
  - Writing Process
  - Writing Applications
  - Writing Components
  - Communication



# ISAT Goal Setter



ISAT Term: Spring 2009[Spring-Spring Goals]

Grade: **6**    Gender: **F**    Race: **White**    Birthdate: **10/03/1996**

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Content / Standard / Goal Area	Actual	Goal	Plat
<b>Mathematics [PRO]</b>	<b>227</b>		<b>ES</b>
<input type="checkbox"/> <b>Number and Operation</b>	<b>10 / 13 (77%)</b>	<b>10 / 12 (83%)*</b>	<b>GS</b>
<u>Understand and use numbers.</u>			
<u>Perform computations accurately.</u>			
<u>Estimate and judge reasonableness of results.</u>			
<input type="checkbox"/> <b>Concepts and Principles of Measurement</b>	<b>6 / 7 (86%)</b>	<b>6 / 7 (86%)*</b>	<b>GS</b>
<u>Understand and use U.S. customary and metric measurements.</u>			
<u>Apply the concepts of rates, ratios, and proportions.</u>			
<u>Apply dimensional analysis.</u>			
<u>Apply appropriate techniques and tools to determine measurements.</u>			
<input type="checkbox"/> <b>Concepts and Language of Algebra and Functions</b>	<b>6 / 10 (60%)</b>	<b>6 / 9 (67%)*</b>	<b>FS</b>
<u>Use algebraic symbolism as a tool to represent mathematical relationships.</u>			
<u>Evaluate algebraic expressions.</u>			
<u>Solve algebraic equations and inequalities.</u>			
<u>Understand the concept of functions.</u>			
<u>Represent equations, inequalities and functions in a variety of formats.</u>			
<u>Apply functions to a variety of problems.</u>			
<input type="checkbox"/> <b>Concepts and Principles of Geometry</b>	<b>5 / 8 (62%)</b>	<b>6 / 9 (67%)*</b>	<b>FS</b>
<u>Apply concepts of size, shape, and spatial relationships.</u>			
<u>Apply the geometry of right triangles.</u>			
<u>Apply graphing in two dimensions.</u>			
<u>Represent and graph linear relationships.</u>			
<u>Use reasoning skills.</u>			
<input type="checkbox"/> <b>Data Analysis, Probability, and Statistics</b>	<b>5 / 7 (71%)</b>	<b>6 / 8 (75%)*</b>	<b>FS</b>
<u>Understand data analysis.</u>			
<u>Collect, organize, and display data.</u>			
<u>Apply simple statistical measurements.</u>			



# ISAT Objectives



- **7.M.2.3.1.** Identify properly constructed dimensional analysis conversions.
- **7.M.3.1.1.** Use variables in simple expressions and equations.
- **7.M.3.1.2.** Translate simple word statements into algebraic expressions and equations.
- **7.M.3.1.3.** Use symbols  $\{<, >, =, \neq, \sim, \approx, \propto, \infty, \dots\}$  to express relationships.
- **7.M.3.2.1.** Evaluate simple numeric and algebraic expressions using commutative, associative, identity, zero, inverse, distributive, and substitution properties.
- **7.M.3.2.2.** Use the order of operations in evaluating simple algebraic expressions.
- **7.M.3.3.1.** Solve one-step equations.
- **7.M.3.4.1.** Extend patterns involving rational numbers and describe the rule that generates the pattern.
- **7.M.3.4.2.** Explain how a change in one quantity impacts a change in another quantity.
- **7.M.3.4.3.** Use appropriate vocabulary and notations.
- **7.M.3.5.1.** Represent a simple set of data in a table, as a graph, and as a mathematical relationship.
- **7.M.3.6.1.** Use patterns and linear functions to represent and solve simple problems.
- **7.M.4.1.1.** Classify relationships among types of one- and two-, dimensional



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